

THE CLAIMS

5 What is claimed is:

1. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresed; and

applying a first voltage differential across ends of said capillary to cause said first

10 sample to migrate in a medium suitable for capillary zone electrophoresis.

2. The method of claim 1, wherein a concentration of SDS is below its critical micelle concentration of 8 mM.

3. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresed;

applying a first voltage differential across ends of said capillary to cause said first sample to migrate in a medium suitable for capillary zone electrophoresis;

rinsing the capillary with a buffer;

adding SDS to a second sample to be electrophoresed; and

applying a second voltage differential across ends of said capillary to cause said second sample to migrate,

25 without rinsing the capillary with NaOH between application of said first and second voltage differentials.

4. A method for conducting capillary zone electrophoresis in a capillary having first and second ends, the method comprising:

30 providing a sodium dodecylsulfate (SDS)-containing buffer for receiving the first end of the capillary;

applying a first voltage differential across the first and second ends to cause a first sample in said capillary to migrate in a medium suitable for capillary zone electrophoresis.